

2803.66013

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application)
)
Applicant: Hiroaki Ueno)
)
Serial No.)
)
Filed: November 30, 2001)
)
For: METHOD OF MEASURING)
NON-LINEARITY IN)
MAGNETIC RECORDING/)
REPRODUCTION, DEVICE)
FOR MAGNETIC RECORDING/)
REPRODUCTION AND LST)
FOR MAGNETIC RECORDING/)
REPRODUCTION)
)
Art Unit:)

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11-30-01
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PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Dear Sir:

Prior to examination of this application and calculation of the filing fee,
please amend the application as follows:

In the Claims:

Please amend claims 19, 20 and 31-33 as follows:

19. (Amended) An LSI for magnetic recording/reproduction according to
any one of claims 9, 10, 11, 15, 16 or 17, wherein said LSI for magnetic

recording/reproduction includes a circuit for adjusting a write compensation circuit based upon said fifth harmonic component.

20. (Amended) A device for magnetic recording/reproduction mounting an LSI for magnetic recording/reproduction of any one of claims 9, 10, 11, 15, 16 or 17.

31. (Amended) A device for magnetic recording/reproduction according to any one of claims 21, 22, 23, 27, 28 or 29, wherein said device for magnetic recording/reproduction includes means for adjusting a write compensation circuit based upon said fifth harmonic component.

32. (Amended) A device for magnetic recording/reproduction according to any one of claims 21, 22, 23, 27, 28 or 29, wherein said device for magnetic recording/reproduction includes a magnetic reluctance-type head for detecting said reproduced signals.

33. (Amended) A device for magnetic recording/reproduction according to any one of claims 21, 22, 23, 27, 28 or 29, wherein said NLTS is measured within an error range of 5%.

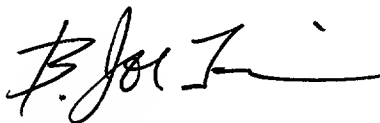
REMARKS

Applicant respectfully requests these claims be considered with the examination of this application.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By



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November 30, 2001

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Claims:

Claims 19, 20 and 31-33 were amended as follows:

19. (Amended) An LSI for magnetic recording/reproduction according to any one of claims [9 to 18 above] 9, 10, 11, 15, 16 or 17, wherein said LSI for magnetic recording/reproduction includes a circuit for adjusting a write compensation circuit based upon said fifth harmonic component.

20. (Amended) A device for magnetic recording/reproduction mounting an LSI for magnetic recording/reproduction of any one of claims [9 to 19] 9, 10, 11, 15, 16 or 17.

31. (Amended) A device for magnetic recording/reproduction according to any one of claims [21 to 30 above] 21, 22, 23, 27, 28 or 29, wherein said device for magnetic recording/reproduction includes means for adjusting a write compensation circuit based upon said fifth harmonic component.

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32. (Amended) A device for magnetic recording/reproduction according to any one of claims [21 to 31 above] 21, 22, 23, 27, 28 or 29, wherein said device for magnetic recording/reproduction includes a magnetic reluctance-type head for detecting said reproduced signals.

33. (Amended) A device for magnetic recording/reproduction according to any one of claims [20 to 32 above] 21, 22, 23, 27, 28 or 29, wherein said NLTS is measured within an error range of 5%.

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